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Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Express Mail No.: EL979824425US
Attorney Docket No.: 2003627-004a
Date Filed: January 22, 2004
CUSTOMER NUMBER: 24280

UTILITY PATENT APPLICATION TRANSMITTAL

(for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Dear Sir:

Please find enclosed a patent application and papers as follows for:

Inventor(s):

| <u>Given Name (first and middle)</u> | <u>Family Name or Surname</u> | <u>Residence (City and State or Foreign Country)</u> |
|---|--------------------------------------|---|
| Peter E. | Oettinger | Acton, MA |
| Frank M. | Feda | Sudbury, MA |
| Ruth E. | Shefer | Waban, MA |
| Robert E. | Klinkowstein | Winchester, MA |

Title of the Invention: Integrated X-ray Source Module

A) APPLICATION ELEMENTS:

- 1) ☐ **Fee Transmittal Form** (original and duplicate submitted for fee processing)
- 2) ☒ **Applicant Claims Small Entity Status** (see 37 C.F.R. § 1.27)
 - a) ☐ **Statement Verifying Small Entity Status** (optional)

3) ☒ **Specification**

TOTAL PAGES: 52

- ☒ Descriptive Title of the Invention
- ☒ Cross References to Related Applications (if applicable)
- ☐ Statement Regarding Federally Sponsored R & D (if applicable)
- ☐ Reference to sequence listing, a table, or a computer program listing appendix
- ☒ Background of the Invention
- ☒ Summary of the Invention
- ☒ Description of the Drawing (if filed)
- ☒ Detailed Description of the Invention
- ☒ Claim(s)
- ☒ Abstract of the Invention

4) ☒ **Drawing(s)** (35 U.S.C. § 113)

TOTAL SHEETS: 12

- a) ☐ Formal Drawings (if checked)

5) ☐ **Oath or Declaration**

TOTAL PAGES: _____

- a) ☐ Newly Executed (original or copy)
- b) ☐ Copy from a prior application (37 C.F.R. § 1.63(d))-for continuation/divisional application
- i) ☐ Deletion of inventor(s): Signed Statement deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).
- c) ☐ Unexecuted

6) ☐ **Application Data Sheet**. See 37 C.F.R. § 1.76.

7) ☐ **CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)**

8) ☐ **Nucleotide and/or Amino Acid Sequence Submission** (if applicable, all are necessary)

- a) ☐ Computer Readable Form (CRF)
- b) ☐ Specification Sequence Listing on:
- i) ☐ CD-ROM or CD-R (2 copies); or
- ii) ☐ Paper
- c) ☐ Statements verifying identity of above copies

B) ACCOMPANYING APPLICATION PARTS:

- 9) ☐ **Assignment Papers** (cover sheet & document(s))
- 10) ☐ **37 C.F.R. § 3.73(b) Statement** (when there is an assignee)
- 11) ☐ **Power of Attorney**
- 12) ☐ **English Translation Document** (if applicable)
- 13) ☐ **Information Disclosure Statement (IDS)/PTO-1449**
- 14) ☐ **Copies of IDS Citations**
- 15) ☐ **Preliminary Amendment**
- 16) ☒ **Return Receipt Postcard (MPEP 503)** (specifically itemized)
- 17) ☐ **Certified Copy of Priority Document(s)** (if foreign priority is claimed)
- 18) ☐ **OTHER:** (if applicable, specified below)

C) FOR CONTINUING APPLICATIONS: (the appropriate box is checked, and certain information is provided below and in a preliminary amendment)

☐ continuation ☐ divisional ☒ continuation-in-part (CIP)

of prior application no.: 10/370,783

filed: February 20, 2003

examiner: n/a

group/art unit: 2878

for continuation or divisional applications only: The entire disclosure of the prior application, from which an oath or declaration is supplied as detailed above, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.

D.) PRIORITY CLAIM(S):

This application claims the benefit under 35 U.S.C. § 120 of any United States application(s) or PCT international application(s) designating the United States of America listed below:

| <u>Application Serial No.</u> | <u>Filing date</u> | <u>Status (patented, pending, abandoned)</u> |
|-------------------------------|--------------------|--|
| 10/370,783 | February 02, 2003 | Pending |

This application claims the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

| <u>Application Serial No.</u> | <u>Filing date</u> | <u>Status (pending, expired, abandoned)</u> |
|-------------------------------|--------------------|---|
| 60/359,169 | February 20, 2002 | Expired |

E) METHOD OF PAYMENT OF FILING FEES FOR THIS APPLICATION:

- ☒ Applicant claims small entity status 37 C.F.R. § 1.27.
- ☐ A check is enclosed to cover the filing fees.
- ☐ The commissioner is hereby authorized to charge filing fees or to credit any overpayment to deposit account number 03-1721.

| | |
|---|---------------|
| Basic Filing Fee (Small Entity) | \$ 385.00 |
| Additional Fees: | |
| Total Number of Claims in excess of 20: (41– 20) 21 x \$9 | \$ 189.00 |
| Number of Independent Claims in excess of 3:(3– 3) 0 x \$43 | \$0.00 |
| Multiple Dependent Claims: | <u>\$0.00</u> |
| Total Filing Fee: | \$574.00 |

Total filing fee amount \$ 574.00

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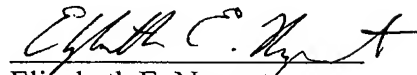
F) CORRESPONDENCE ADDRESS:

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Respectfully Submitted,


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